Docket No.: ARIAD 346B

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled USE OF HETEROLOGOUS TRANSCRIPTION FACTORS IN GENE THERAPY, the specification of which

	is attached hereto		-		
ĺΧÌ	was filed on June	27, 1996 a	s Application	Serial No.	08/672,213.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR 1.56(a).

I hereby claim foreign priority benefits under Title 35, USC 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority
Number	Country	Date Filed	Claimed
			Yes No
	. 2 (4.4		Yes No
			Yes No

I hereby claim the benefit under Title 35, USC 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, USC 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulation, 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Appln. Ser. No.	Filing Date	Status
60/000,553	June 27, 1995	Pending
60/019,614	December 29, 1995	Pending

I hereby appoint the following attorney to prosecuted this application and to transact all business in the Patent and Trademark Office connected therewith:

David L. Berstein, Registration No. 31,235 ARIAD Gene Therapeutics, Inc. 26 Landsdowne Street Cambridge, Massachusetts 02139 Telephone: 617-494-0400 Ext. 266

Facsimile: 617-494-0208

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Michael Z. Gilman
Inventor's signature Wichen Date Date 11/11/96
Residence 550 Chestnut Street, Newton, Massachusetts 02168, U.S.A.
Post Office Address Same
Citizenship US
g .
Full name of second inventor A Sildaran Natesan
Inventor's signature N - + W Date 11 Date 11 Date 11 Date 11 Date 12 Date 12 Date 13 Date 14 Date 15 Date 15 Date 16 Date 16 Date 17 Date 17 Date 18 Date 18
Residence 30 Thornton Road, Chestnut Hill, Massachusetts 02167, U.S.A.
Post Office Address Same
Citizenship IN



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

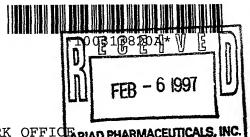
ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

JANUARY 29, 1997

PTAS

ARIAD GENE THERAPEUTICS, INC. DAVID L. BERSTEIN 26 LANDSDOWNE STREET CAMBRIDGE, MA 02139



UNITED STATES PATENT AND TRADEMARK OFFICE ARIAD PHARMACEUTICALS, INC NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE ™NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/19/1996

REEL/FRAME: 8236/0249

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

□ ASSIGNOR:

GILMAN, MICHAEL Z.

DOC DATE: 11/11/1996

ASSIGNOR:

NATESAN, SRIDARAN

DOC DATE: 11/12/1996

ASSIGNEE:

PATENT NUMBER:

ARIAD GENE THERAPEUTICS, INC. 26 LANDSDOWNE STREET

CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 08672213

FILING DATE: 06/27/1996

ISSUE DATE:

DIANE RUSSELE, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

11-26-1996 U.S. DEPARTMENT OF COMMERCE FORM PTO-1585 NOV 1 9 1996 Patent and Trademark Office (Rev. 6-93) ocket No. ARIAD 346B OMB No. 0651-0011 (exp. 4/94) original documents or copy thereof. 100313820 To the Honorable Commissioner of Patents ¿ 2. Name and address of receiving party(ies) Name of conveying party(ies): ARIAD Gene Therapeutics, Inc. Michael Z. Gilman Sridaran Natesan Internal Address:__ Additional name(s) of conveying party(ies) attached? [] Yes [X] No Nature of conveyance: [] Merger [X] Assignment Street Address: 26 Landsdowne Street [] Change of Name [] Security Agreement [] Other_____ City: Cambridge State: MA ZIP: 02139 Execution Date:_____ Additional name(s) and address(es) attached? [] Yes [X] No Application number(s) or patent number(s): If his document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A Patent Application No.(s) 08/672,213 Additional numbers attached? [] Yes [X]No 6. Total number of applications and patents involved: 1 Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$ 40.00 ARIAD Gene Therapeutics, Inc. Name: Internal Address: David L. Berstein [] Enclosed [X] Authorized to be charged to deposit account 8. Deposit account number: Street Address: 26 Landsdowne Street 01/2315_ State: MA___ ZIP: City: Cambridge DO NOT USE THIS SPACE

01-2315 080 58<u>1</u>

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of

Signature

Total number of pages including cover sheet, attachments, and document:

BS08252 11/25/96 08672213

Statement and signature

the original document.

David L. Berstein

Name of Person Signing

40.00CH

Docket No.: ARIAD 346B

I hereby certify that this paper is being deposited with the United States Postal Service "First Class Mail" on the date indicated below and is addressed to the Commissioner of Patents and Trademarks, Box Assignments, Washington, DC 20231

DOX Assignments, Washington, DC 202.

Signed

ASSIGNMENT

WHEREAS, WE, Michael Z. Gilman and Sridaran Natesan (herein called "Assignors"), residing at 550 Chestnut Street, Newton, Massachusetts 02168, and 30 Thornton Road, Chestnut Hill, Massachusetts 02167 respectively are the inventors of the invention in USE OF HETEROLOGOUS TRANSCRIPTION FACTORS IN GENE THERAPY for which we have executed an application for a Patent of the United States which was filed on June 27, 1996 as Application Serial No. 08/672,213;

and WHEREAS, ARIAD Gene Therapeutics, Inc. (herein called "Assignee"), having an address at 26 Landsdowne Street, Cambridge, Massachusetts 02139 is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the said Assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all division, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such application and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said Assignee, its successors, legal representatives and assigns, any facts know to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 11/11/96 Muche	ol A Columia
/ Michael Z. Gil	man Z
Commonwealth of Massachusetts County of Middlesex	
On this //// day of ///////////////////////////////////	e person of that name, who signed
My Commissi Viana Daly	ion Expires July 20, 2001
Notary Public	
Date 11 12 96 Sridaran Nate	In Dur
Commonwealth of Massachusetts County of Middlesex	
On this day of found , 1996, Sridaran Natesan to me known and known to me to be the and sealed the foregoing instrument and acknowledges th	before me personally appeared e person of that name, who signed e same to be his free act and deed.
	ion Expires <u>July 20, 2001</u>
Viana Daly Notary Public	

Applicant: Serial No.: Filed:		Michael Z. Gilman and Sridaran Natesan — Herewith Use of Heterologous Transcription Factors		Docket No.:	ARIAD 346-B
For:		VERIFIED STATEMENT (DECLARATIO) STATUS (37 CFR 1.9 (f) and 1.27(c)) - SI	N) CLAIMING SMAI		
I hereby declar Massachusetts		t I am an official of ARIAD Pharma	ceuticals, Inc., 26 L	andsdowne St	reet, Cambridge,
CFR 121.3-18, a United States C persons. For p previous fiscal the pay period	nd repro Code, in ourposes year of s of the	ne above identified small business concerneduced in 37 CFR 1.9(d), for purposes of pathat the number of employees of the concern of this statement, (1) the number of empthe concern of the persons employed on a fiscal year, and (2) concerns are affiliated the power to control the other, or a thir	lying reduced fees undern, including those of bloyees of the busines of tull-time, part-time es of each other when	der section 41(a) of its affiliates, do ss concern is the or temporary ba n either, directly	and (b) of Title 35, bes not exceed 500 average over the sis during each of or indirectly, on
identified abov	e with	ights under contract or law have been corregard to the invention entitled <i>Use of He</i> Iman described in	nveyed to and remain eterologous Transcrip	n with the small otion Factors in	business concern Gene Therapy by
	[X] []	the specification filed herewith application serial no, patent no,	filed issued		_· _·
entitlement to maintenance fe	small ee due a	ty to file, in this application or patent, nentity status prior to paying, or at the fter the date on which status as a small er	time or paying, the utity is no longer appo	e earliest of the ropriate. (37 CFF	e issue fee or any R 1.28(b))
information ar wififul false st Title 18 of th	nd belie atemen e Unite	all statements made herein of my own fare believed to be true; and further that its and the like so made are punishable by ed States Code, and that such willful it issuing thereon, or any patent to which	t these statements we y fine or imprisonme false statements ma	ere made with the ent, or both, und sy jeopardize th	he knowledge that der section 1001 of
Na	ıme	David L. Berstein			
Tit		Vice President, Chief Patent Counsel			
Ad	ldress	ARIAD Gene Therapeutics, Inc., 26 I	<u>andsdowne Street, Ca</u>	ambridge, MA 0	2139
Signati	ure	and Barken	Date <u>June 2</u>	27, 1996	
Express Mail La Date I hereby certify t	June 23	EH303160092US 7, 1996 Deaper is being deposited with the United States			
Postal Service "I on the date indic	Express Nated abo	Mail Post Office to Adressee" under 37 CFR 1.10 we and is addressed to the Comm. of Patents agton, DC 20231.			

Signed